ROLLING BEARING

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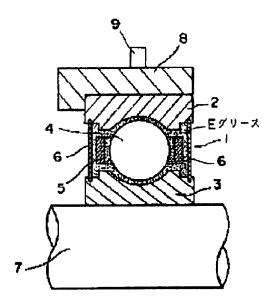
- European:

Application number: JP19960190664 19960719 Priority number(s): JP19960190664 19960719

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Abstract of JP10030150

PROBLEM TO BE SOLVED: To superiorly prevent the occurrence of peeling in an early stage, caused by high vibration and high load, and to remarkably improve bearing life. SOLUTION: A rolling bearing 1 is used by disposing plural rolling elements 4 between an outer ring (fixed ring) 2 and an inner ring (rotary ring) 3. In this case, the bearing steel at least of the outer ring 2 has an alloy composition containing, by weight ratio, 0.50-1.60% Cr and containing at least one kind among 0.02-0.10% AI, 0.005-0.02% N, 0.02-0.30% V, and 0.02-0.30% Nb and satisfying the relation of 0.08%<AI+4N+V+Nb<0.8%.



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